We claim:

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1. A method for inhalation of a dry powder drug comprising:

providing a dry powder drug composition comprising particles comprising
a lipid matrix and a particle size of 1-30 microns, mass median aerodynamic diameter of
less than 5 microns, and bulk density of less than 0.5 g/cm³;

loading the composition into a passive dry powder inhaler; and inhaling the drug composition from the inhaler resulting in an emitted dose substantially independent of device resistance and lung deposition substantially independent of inhalation flow rate.

- 2. A method according to claim 1 wherein the emitted dose is at least 60%.
- 3. A method according to claim 2 comprising an emitted dose of at least 80%.
- 4. A method according to claim 1 comprising a FPF_{4+F} of at least 20 60%.
- 5. A method according to claim 1 wherein the lipid comprises a phospholipid selected from the group consisting of dipalmitoylphosphatidylcholine, disteroylphosphatidylcholine, diarachidoylphosphatidylcholine
 25 dibehenoylphosphatidylcholine, diphosphatidyl glycerol, short-chain phosphatidylcholines, long-chain saturated phosphatidylethanolamines, long-chain saturated phosphatidylserines, long-chain saturated phosphatidylglycerols, and long-chain saturated phosphatidylinositols.
- 30 6. A method according to claim 1 wherein the inhaler comprises a resistance of less than $0.60 \text{ (cmH}_2\text{O)}^{1/2} \text{/L min}^{-1}$.

7. A method according to claim 6 wherein the inhaler comprises a resistance within the range of $0.01 - 0.30 \, (\text{cmH}_2\text{O})^{1/2} \, / \text{L min}^{-1}$

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- 8. A method of claim 1 wherein the inhalation flow rate is less than about 90 L/min.
- 9. A method of claim 8 wherein the inhalation flow rate is within the range of about 10 60 L/min.
 - 10. A method of claim 9 wherein the inhalation flow rate is within the range of 12-45 L/min.
- 11. A method of claim 1 wherein the lung deposition is greater than 25%.
 - 12. A method according to claim 1 wherein the lung deposition is greater than 30%.
- 13. A method according to claim 1 wherein the lung deposition is greater than 50%.
 - 14. A method according to claim 1 wherein the drug is selected from the group consisting of budesonide, tobramycin sulfate, leuprolide acetate, Amphotericin B, and PTH.
- 25 15. A method of claim 1 wherein the powder comprises hollow porous microparticles.
- 16. A method for inhalation of a dry powder drug comprising:
 providing a dry powder drug composition comprising a hydrophobic
 active agent, said composition comprising particles comprising a lipid matrix and a

particle size of 1-30 microns, mass median aerodynamic diameter of less than 5 microns, and bulk density of less than 0.5 g/cm³;

loading the composition into a passive dry powder inhaler; inhaling the drug composition from the inhaler in order to achieve a Tmax within 15 minutes of the inhalation.

17. A method according to claim 16 wherein the active agent is amphotericin B.

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- 18. A method according to claim 16 wherein the active agent is budesonide.
 - 19. A method according to claim 18 wherein T max is achieved within 10 minutes of the inhalation.
 - 20. A method according to claim 16 wherein the lipid comprises a phospholipid selected from the group consisting of dipalmitoylphosphatidylcholine, disteroylphosphatidylcholine, diarachidoylphosphatidylcholine dibehenoylphosphatidylcholine, diphosphatidyl glycerol, short-chain phosphatidylcholines, long-chain saturated phosphatidylethanolamines, long-chain saturated phosphatidylserines, long-chain saturated phosphatidylglycerols, and long-chain saturated phosphatidylinositols.